

FIG.1

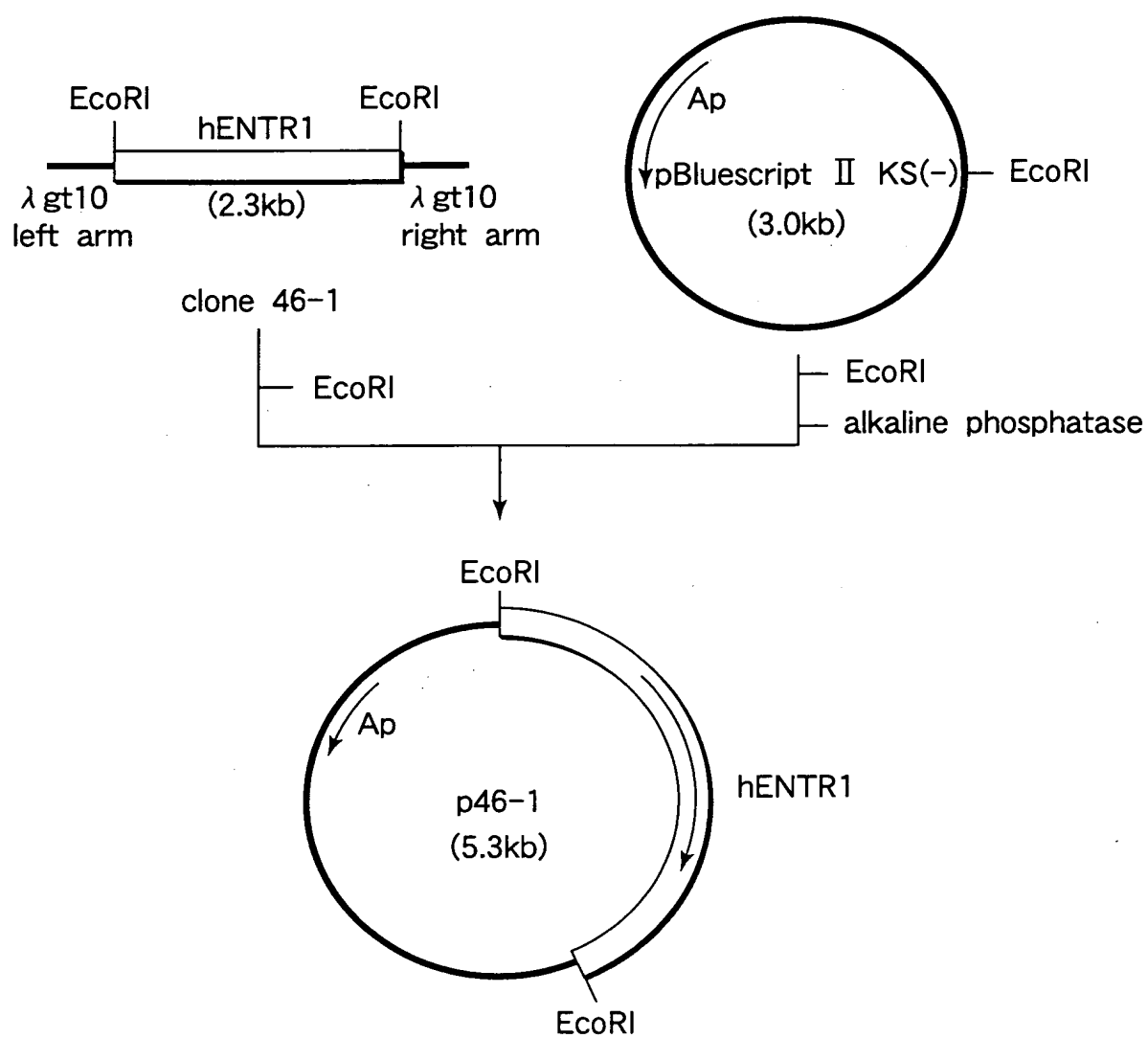


FIG.2

hENT1	1:-----	MTTSHQPQDRYKAVWLIFFML	21
hENT2	1:-----	MARGDAPRDSYHLVGISFFIL	21
hENTR1	1:MAVVSDDFQHSSNSTYGTSSSLRADQEALLEKLLDRPPPGLRPEDRFCGTYIIFSL	60	
		* * * * *	
hENT1	22:GLGTLLPWNFFMTATQYFTNRLDMSQNVSLVTAELSKDAQASAAPALPERNSLSAI-F	80	
hENT2	22:GLGTLLPWNFFITAIPYFQARLA-----	GAGNSTARILSTNHTGPEDAFNF	67
hENTR1	61:GIGSLLPWNFFITAKEYWMFKL-----	RNSSSPATGEDPEGSDILNYF	103
	* * * * *	* * * * *	
hENT1	81:NNVMTLCAMLPLLLFTYLNLSFLHQRIPQSVRIILGSLVAILLVFLITAILVKVQL-----	DALP	138
hENT2	68:NNWVTLLSQLPLLLFTLLNSFLYQCVPTVRILGSLAIIILLFALTAALVKVDM-----	SPGP	125
hENTR1	104:ESYLAVASTVPSMLCLVANFLLVNRVAHVIRVLASLTVILATFMVITALVKVDTFSWTRG	163	
	* * * * *	* * * * *	
hENT1	139:FFVITMIKIVLINSFGAILQGSFLGLAGLLPASYTAPIMSGQGLAGFFASVAMICAIASG	198	
hENT2	126:FFSITMASVCFINSFSAVLQGSFLGQLGTMPTSTYTLFLSGQGLAGIFAALAMLLSMASG	185	
hENTR1	164:FFAVTIVCMVILSGASTVFSSSIYGMTGSFPMRNSQALISGGAMGGTVSAVASLVDLAAS	223	
	* * * * *	* * * * *	
hENT1	199:SELSESAGFYFITACAVIILTIICYLGLPRLEFYRYQQLK-----	LEGPGEQETKLDLISKG	256
hENT2	186:VDAETSALGYFITPCVGIILMSIVCYLSLPHLKFAFYLLANKSSQAQAELETKAELLQSD	245	
hENTR1	224:SDVRNSALAFFLTATIFLVLCMGLYLLSRLEYARYYMR-----	PVLAHVFSGE	273
	* * * * *	* * * * *	
hENT1	257:EEPRAGK-----	EESGVSVSNSQPTNESHSIKAILKNISVLAFSVCFIFTITI	304
hENT2	246:ENGIPSSPQKVALTLDLDLEKEPESEPDEPQKPKPSVFTVFQKIWLALCLVLVFTVTL	305	
hENTR1	274:EELPQDSL-----	SAPSVASRFIDSHTPPLRPILKKTASLGFCVTVVFFITS	320
	* * * * *	* * * * *	
hENT1	305:GMFPAVTVEVKSSIAGSSTW-----	ERYFIPVSCFLTFFNIFDWLGRSLTAVFMWPGKDSRWLP	362
hENT2	306:SVFPAITAMVTSS-TSPGKW-----	SQFFNPICCFLLFNIMDWLGRSLTSYFLWPDEDSRLLP	362
hENTR1	321:LIYPAVCTNIESLNKSGSLWTTKFFIPLTTFLLYNFADLCGRQLTAWIQVPGPNKALP	380	
	* * * * *	* * * * *	
hENT1	363:SLVLARLVFVPLLLCNIPRRYL-TVVFEHDAWFIFFMAAFASNGYLASLCMCFGPKK	421	
hENT2	363:LLVCLRFLFVPLFMLCHVPQRSRL-PILFPQDAYFITFMLLFAVSNGYLVSLTMCLAPRQ	421	
hENTR1	381:GFVLLRTCLIPLVLCNYQPRVHLKTVVFSQSDVYPALLSSLLGLSNGYLSTLALLYGPKI	440	
	* * * * *	* * * * *	
hENT1	422:VKPAEAETAGAIMAFFLCLGLALGAVFSFLFRAIV	456	
hENT2	422:VLPHEREVAGALMTFFLALGLSCGASLSFLFKALL	456	
hENTR1	441:VPRELAEATGVVMSFYVCLGLTLGSACSTLLVHLI	475	
	* * * * *	* * * * *	

FIG.3

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hENT1 -----M TTSHQPQDRY
hENT2 -----M ARGDAPRDSY
hENTR1 MAVSEDDFQ HSSNSTYGTT SSSLRADQEA LLEKLLDRPP PGLQRPEDRF
          * *

hENT1 KAVWLIFFML GLGTLLPWNF FMTATQYFTN RLDMSQNVSL VTAELSKDAQ
hENT2 HLVGISFFIL GLGTLLPWNF FITAIPYFQA RLAGAGN... ..STARI
hENTR1 CGTYIIFFSL GIGSLLPWNF FITAKEYWMF KL.....RN
          * * * * *

hENT1 ASAAPAAPLP ERNSLSAIFN NVMTLCAMLP LLLFTYLNSF LHQRIPQSVR
hENT2 LSTNHTGPED AFN.....FN NWVTLLSQLP LLLFTLLNSF LYQCVPETVR
hENTR1 SSSPATGEDP EGSDILNYFE SYLAVASTVP SMLCLVANFL LVNRVAVHIR
          * * * * *

hENT1 ILGSLVAILL VFLITAILVK VQLDALP..F FVITMIKIVL INSFGAILQG
hENT2 ILGSLAILL LFALTAALVK VDMSPGP..F FSITMASVCF INSFSAVLQG
hENTR1 VLASLTVILA IFMVITALVK VDTFSWTRGF FAVTIVCMVI LSGASTVFSS
          * * * * *

hENT1 SLFGLAGLLP ASYTAPIMSG QGLAGFFASV AMICAIASGS ELSESAFGYF
hENT2 SLFGQLGTMP STYSTLFLSG QGLAGIFAAL AMLLSMASGV DAETSALGYF
hENTR1 SIYGMTGSFP MRNSQALISG GAMGGTVSAV ASLVDLAASS DVRNSALAFF
          * * * * *

hENT1 ITACAVIILT IICYLGLPRL EFYRYQQQK LEGPGEQ..E TKLDLISKGE
hENT2 ITPCVGILMS IVCYLSLPHL KFARYYLANK SSQAQAQELE TKAELLQSDE
hENTR1 LTATIFLVLC MGLYLLLSRL EYARXYMR.. ..P VLAHVFSGE
          * * * * *

hENT1 E..PRAGK.. ..EE SGVSVSNSQP TNESHSIKAI LKNISVLAFS
hENT2 NGIPSSPOKV ALTLDLDLEK EPESEPDEPQ KPGKPSVFTV FQKIWLTALE
hENTR1 EELPQDSLSA PSVASRFIDS H.....TPPLRPI LKKTASLGFC

hENT1 VCFIFTITIG MFPAVTVEVK SSIAGSST.W .ERYFIPVSC FLTFNIFDWL
hENT2 LVLVFTVTL SVPFAITAMVT SS.TSPGK.W .SQFFNPICC FLLFNIMDWL
hENTR1 VTYVFFITSL IYPAVCTNIE SLNKGSGSLW TTKFFIPLTT FLLYNFADLC
          * * * * *

hENT1 GRSLTAVFMW PGKDSRWLPS LVLARLVFVP LLLLCNIKPR RYL.TVVFEH
hENT2 GRSLTSYFLW PDEDSRLLPL LVCLRFLFVP LFMLCHVPQR SRL.PILFPQ
hENTR1 GRQLTAWIQV PGPNKALPG FVLLRTCLIP LFVLCNYQPR VHLKTVVFQS
          * * * * *

hENT1 DAWFIFMAA FAFSNGYLAS LCMCFGPKKV KPAAEATAGA IMAFFLCLGL
hENT2 DAYFITFMLL FAVSNGYLV LTMCLAPRQV LPHEREVAGA LMTFFLALGL
hENTR1 DVYPALLSSL LGLSNGYLST LALLYGPKIV PRELAEATGV VMSFYVCLGL
          * * * * *

hENT1 ALGAVFSFLF RAIV
hENT2 SCGASLSFLF KALL
hENTR1 TLGSACSTLL VHLI
          * *

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FIG.4

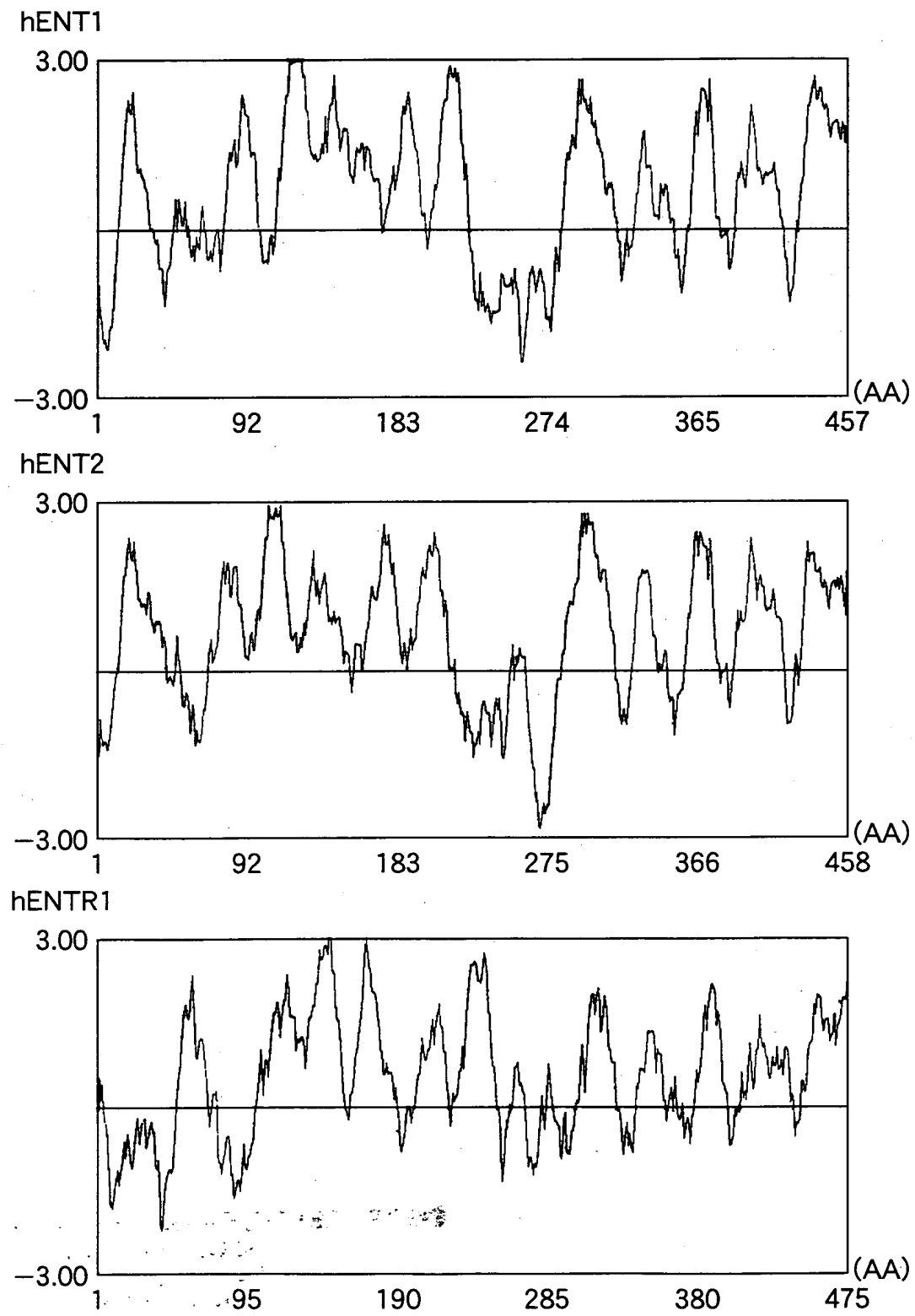


FIG.5

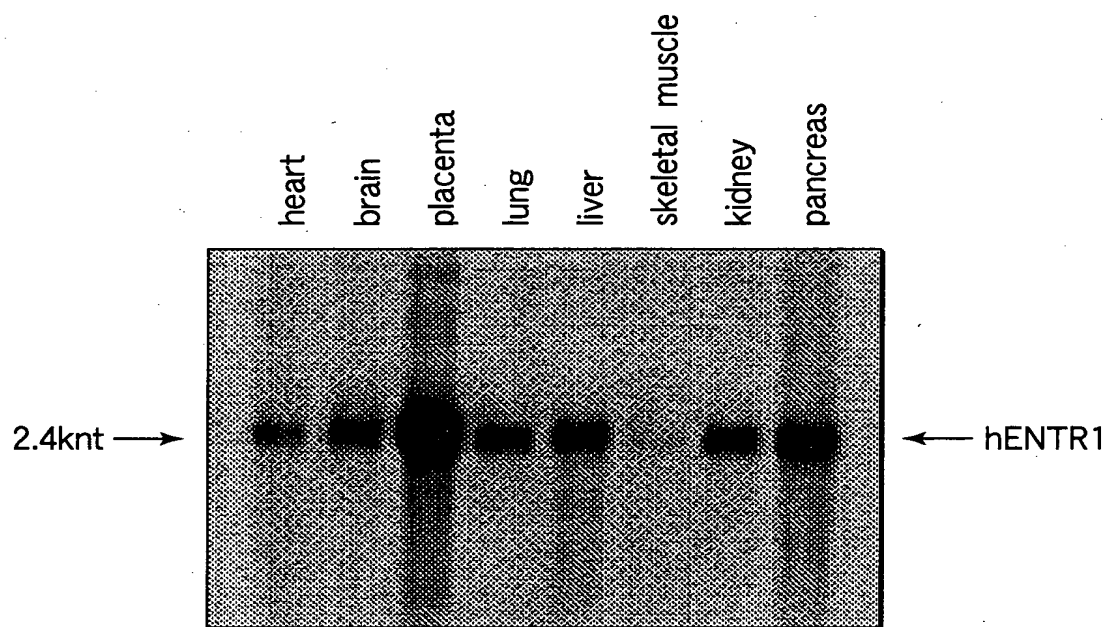


FIG.6

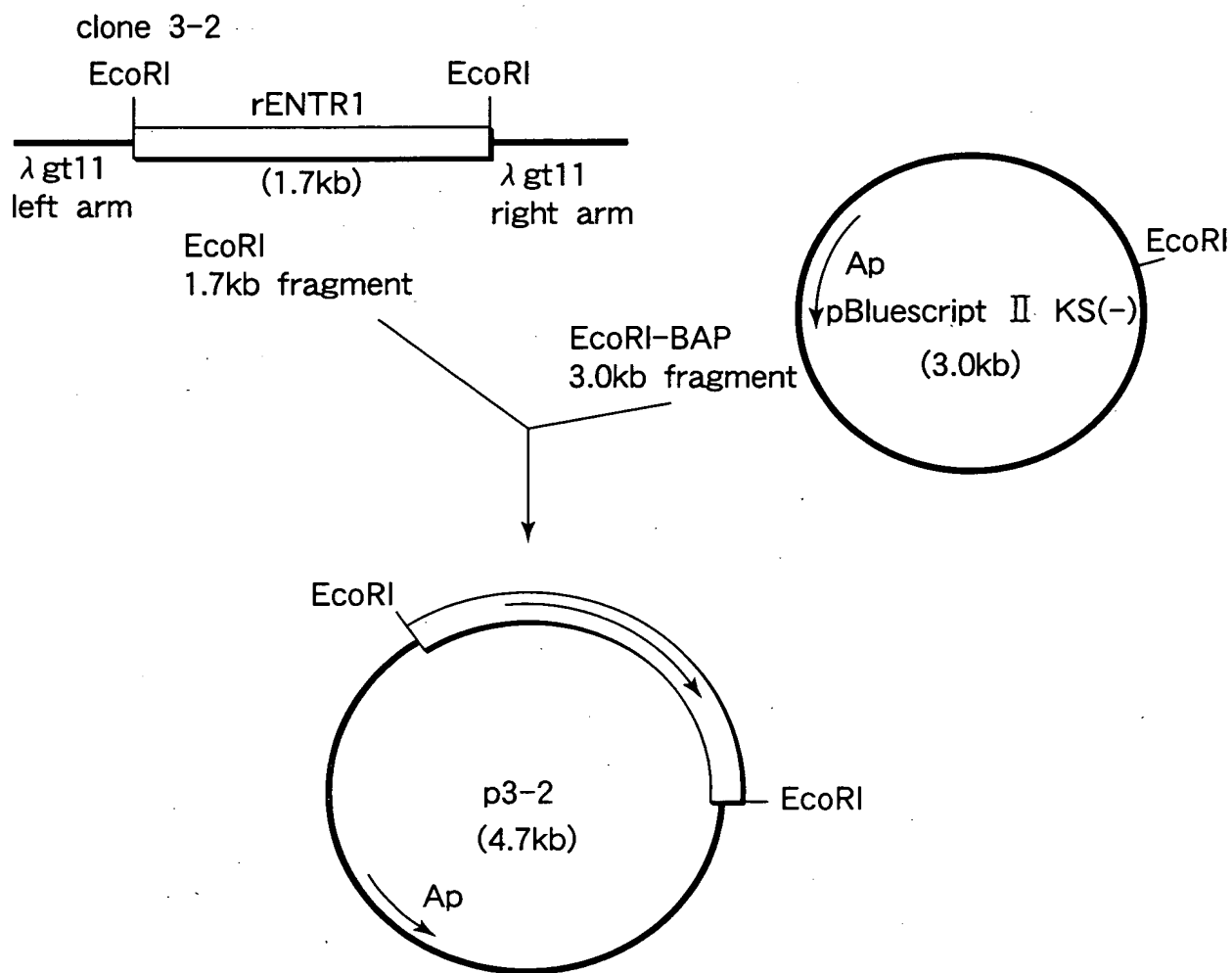


FIG.7

hENTR1 MAVSEDDFQHSSNSTYGTSSSLRADQEALLEKLLDRPPPGQLQRPEDRFCGTYI IFFSL
 ** .*** ****.* ..*.. *****.* ** *.*****.*.*****.*
 rENTR1 MAFASEDIAYHSSNAVYRVPSNRHEADQEALLGKPLDYPAPGLQRPEDRFNGAYI IFFCL

hENTR1 GIGSLLPWFFITAKEYWMFKLRNSSSPATGEDPEGSDILNYFESYLAVASTVPSMLCLV
 .*.***.*.*****.*****.*.***.*.*****.*.*****.* **
 rENTR1 GIGGLLPWNFFVTAKEYWAFKLRNCSSPASGKDPEDADILNYFESYLAVASTVPSLLFLV

hENTR1 ANFLLVNRVAVHIRVLASLTVILAIFMVITALVKVDTFSWTRGFFAVTIVCMVILSGAST
 ****.*.***.*.*****.*.*****.*.***.*.*****.*.*****.* **
 rENTR1 ANFLLVNRIRVHVRVLASLSVSLAIFVMAVLVRVDTSSWTRGFFSIAMACMAI ISSSST

hENTR1 VFSSSIYGMTGSFPMRNSQALISGGAMGGTVSAVASLVDLAASSDVRNSALAFFLTATIF
 .*.***.*.*****.*.*****.*.*****.*.*****.*.*****.* **
 rENTR1 IFNSSVYGLTGSPMRNAQALISGGAMGGTVSAVASLVDLAASSDVRDSALAFFLTAADF

hENTR1 LVLCMGLYLLLSRLEYARYYMRPVLAHVFSGEEELPQDSLAPSASVSRFIDSHTPPLRP
 * **.*.*****.*.*****.*.*****.*.*****.*.*****.* **
 rENTR1 LGLCVGLYLLLPQLEYARYYMRPVPIHVFSSEDSPPRDAPSTSSVAPASRAVHTPPLGP

hENTR1 ILKKTASLGFCVTYVFFITSLIYPAVCTNIESLNKSGSLWTTKFFIPLTTFLLYNFADL
 ****.*.***.*.*****.*.*****.*.*****.*.*****.*.*****.* **
 rENTR1 ILKKTAGLGFCVFLYFITALIFPAISTNIQPMHKGTSPTWTSKFYVPLTVFLLNFADL

hENTR1 CGRQLTAWIQVPGPNSKALPGFVLLRTCLIPLFVLCNYQPRVHLKTVVFQSDVYPALLSS
 ****.*.*****.*.***.*.***.*.*****.*.*****.*.*****.* **
 rENTR1 CGRQVTAWIQVGPGRSKLLPILAVSRVCLVPLFLLCNYQPRSHLTLVLFQSDIYPIIFTC

hENTR1 LLGLSNGYLSTLALLYGPKIVPRELAEATGVVMSFYVCLGLTLGSACSTLLVHLI
 ****.*.*****.*.*****.*.*****.*.*****.*.*****.* **
 rENTR1 LLGLSNGYLSTLVLMYGPKIVPRELAEATSVVMLFYMSLGLMLGSACAALLEHF

FIG.8

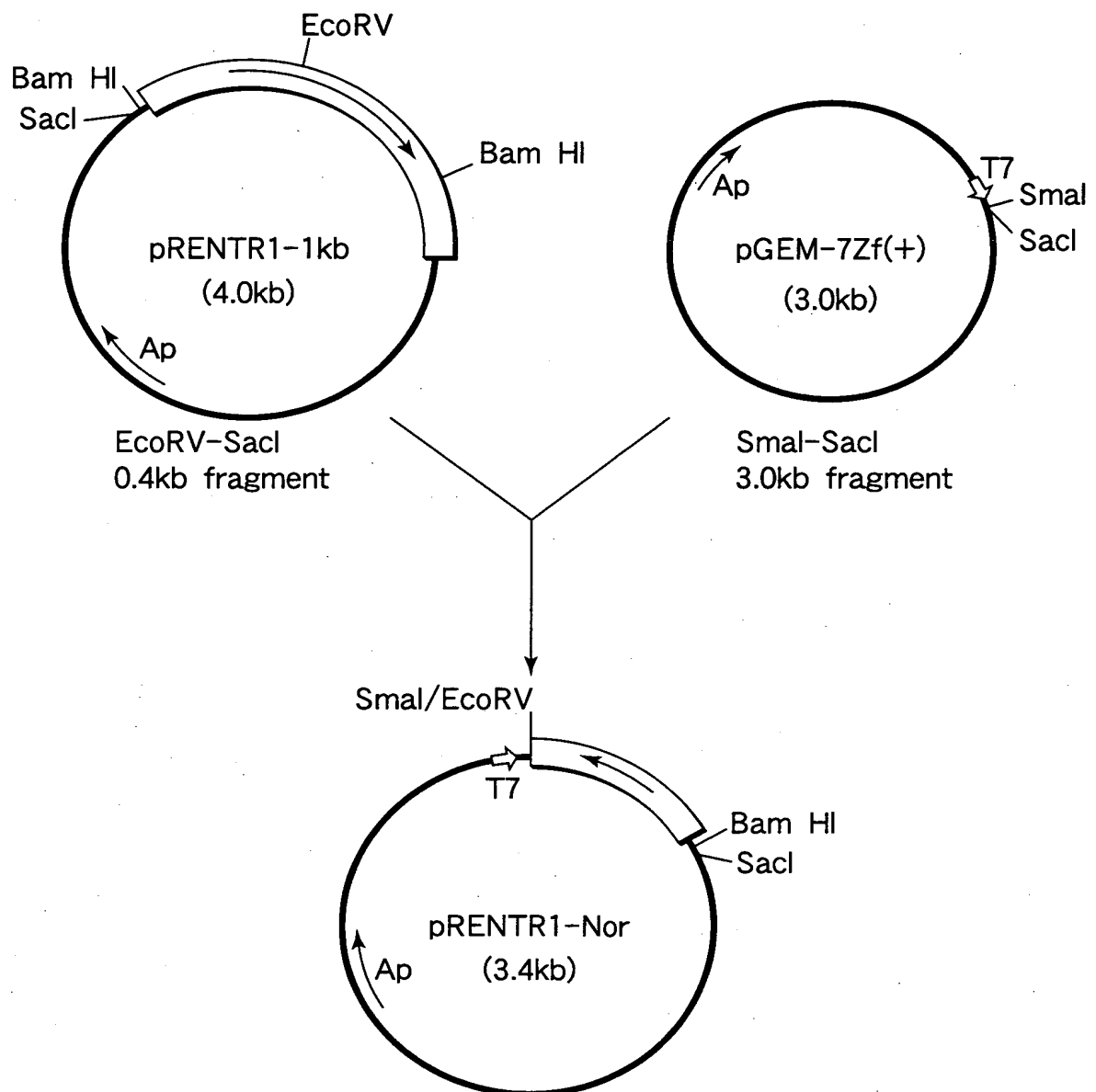


FIG.9

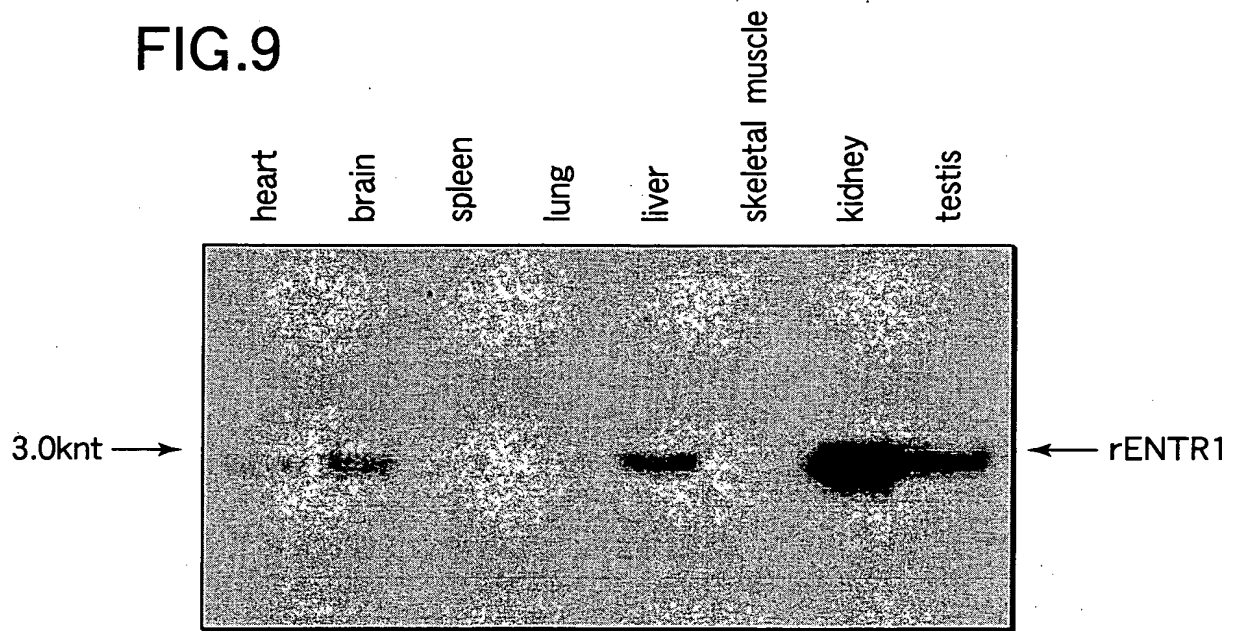


FIG.10

